

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 10/023,806

REMARKS

Claims 1-10 are all the claims pending in the application.

Claims 1-3 and 7-10 stand rejected under 35 U.S.C. § 102(b) as being anticipated by USP 5,630,204 to Hylton et al. Claims 4-5 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Hylton in view of well know prior art. Applicant respectfully traverses these rejections, and requests reconsideration and allowance of the pending claims in view of the following arguments.

Claim 1 of the present application recites a facility for rendering possible the transmission of, via the in-house power supply network of the end customer, telecommunications signals to be reproduced by the end customer. The Examiner has asserted that Hylton “discloses customer premise wireless distribution of broadband signals over power lines,” referring to column 10, line 1 through column 11, line 40 and figures 4-7 of Hylton. Applicant respectfully disagrees.

The part of the specification of Hylton cited by the Examiner describes, with reference to Figs. 5-7, wireless premise distribution of broad band signals and control signals to television sets 100' and 100'' via ADSL (Asymmetrical Digital Subscriber Line) architecture. In Fig. 5 of Hylton, the 1.5 mbits/s downstream video information channel and two-way 16 kbits/s control channel are transmitted from transponders 416 and 418 to ADSL units 201 and 201' for delivery to digital entertainment terminals (DET) 100 and 100a and television sets 100' and 100''. There is no power lines involved.

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In Fig. 6 of Hylton, an ADSL unit 201 connects the 1.5 mbits/s downstream video information channel and two-way 16 kbits/s control channel from a remote ADSL 205 to a transponder 408. The transponder 408 translates the signals into RF signals and transmits the RF signals to transponders 416 and 418. The transponders 416 and 418 translate the RF signals back to the original 1.5 mbits/s downstream video information signals and two-way 16 kbits/s control signals, and deliver the signals to DETs 100 and 100a. No power lines is involved either.

Fig. 7 of Hylton is a block diagram of a transponder, and Fig. 4 of Hylton illustrates a DET. Neither of them shows a power line.

Accordingly, Applicant submits that the parts of Hylton cited by the Examiner only disclose transmission of control signals for broadband video information over ADSL architecture, but fail to teach or suggest transmission of telecommunications signals via the in-house power supply network of the end customer.

Fig. 3 of Hylton shows that digital broadcast service signals come in over the same broadband line, and then are separated and distributed in the house. Hylton contemplates digital broadcast service signals coming into the interface, but pointedly does not contemplate coupling these signals into the premises power lines.

Hylton mentions power lines in columns 40 to 43, with reference to Fig. 15, but the power lines are used to replace ADSL architecture. Again, what is transported over the power lines is control signals that the customer never sees or hears. Video information channels in Hylton are broadcasted via wireless distribution. However, the telecommunication signals transmitted via the in-house power supply network, recited in claim 1, are signals that end up

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being reproduced to the customer, for example, audio and/or video signals of analog telephone service, digital telephone service and video telephony; Internet applications; and e-mail (Specification, the paragraph bridging pages 8 and 9).

Accordingly, Applicant respectfully submits that claim 1 and its dependent claims 2-6 are patentable.

Claim 7 recites an in-house power supply network for rendering possible the transmission of, via the in-house power supply network of the end customer, telecommunications signals to be reproduced by the end customer. Thus, claim 7 is patentable for the same reasons as those for claim 1.

Claim 8 recites a method for the transmission of telecommunications signals to be reproduced by an end customer via a local, in-house power supply network of an end customer. Accordingly, Applicant respectfully submits that claim 8 and its dependent claims 9-10 are patentable.

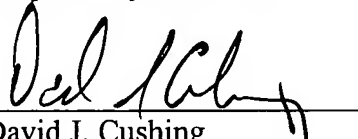
In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

Attorney Docket No. Q67631
PATENT APPLICATION

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

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CUSTOMER NUMBER

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